

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) An image decoding apparatus utilized for decoding a compressed file, comprising:
 - 5 a central processing unit (CPU) which receives a compressed file;
 - a compressed file decoder which receives the compressed file outputted from the CPU, generates a decoded image data and encodes the decoded image data to generate a digital video signal;
 - a frame buffer connected to the compressed file decoder for storing the decoded
 - 10 image data; and
 - an analog video encoder which receives the digital video signal and converts the digital video signal into a TV signal;

wherein the compressed file decoder comprises: a decoder core utilized for receiving the compressed file and producing a frame composed of a plurality

 - 15 of minimum coded units for the compressed file; an adjusting operation unit utilized for selecting a shown range in the frame, applying a resize operation or a rotation operation on the shown range, and then converting the shown range on which the resize operation or the rotation operation has been performed into the decoded image data; and a digital video encoder utilized for reading the
 - 20 decoded image data stored in the frame buffer and encoding the decoded image data to generate the digital video signal.
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2. (Original) The image decoding apparatus of claim 1, wherein the compressed file decoder provides an operation mode through which the decoded image data is
- 25 transmitted back to the CPU.

3. (Original) The image decoding apparatus of claim 1, wherein the compressed file decoder provides an operation mode through which the CPU accesses the frame buffer.
- 5 4. (Original) The image decoding apparatus of claim 1, wherein the compressed file is a JPEG file.
5. (Original) The image decoding apparatus of claim 1, wherein the TV signal conforms to the NTSC standard.
- 10 6. (Original) The image decoding apparatus of claim 1, wherein the TV signal conforms to the PAL standard.
7. (Canceled)
- 15 8. (Currently Amended) The image decoding apparatus of claim 71, wherein the adjusting operation unit comprises:
 - a crop unit utilized for selecting the shown range in the frame; and
 - a resize unit utilized for applying a resize operation or a rotation operation on the
 - 20 shown range and generating the decoded image data.
9. (Currently Amended) The image decoding apparatus of claim 71, wherein the decoder core is a JPEC decoder core.
- 25 10. (Currently Amended) The image decoding apparatus of claim 71, wherein the digital video encoder is an ITU-R656 digital video encoder.
11. (Original) An image decoding apparatus utilized for decoding a compressed file, comprising:
 - 30 a decoder core utilized for receiving a compressed file and producing a frame

composed of a plurality of minimum coded units for the compressed file;
an adjusting operation unit utilized for selecting a shown range in the frame,
applying a resize operation or a rotation operation on the shown range, and
then converting the shown range on which the resize operation or the rotation
operation has been performed into a decoded image data;
a frame buffer utilized for storing the decoded image data; and
a digital video encoder utilized for reading the decoded image data stored in the
frame buffer and encoding the decoded image data to generate a digital video
signal.

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12. (Original) The image decoding apparatus of claim 11, wherein the adjusting
operation unit comprises:

a crop unit utilized for selecting the shown range in the frame; and
a resize unit utilized for applying a resize operation or a rotation operation on the
shown range and generating the decoded image data.

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13. (Original) The image decoding apparatus of claim 11 further comprising a CPU
utilized for receiving the compressed file and transmitting the compressed file to the
decoder core.

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14. (Original) The image decoding apparatus of claim 11 further comprising an analog
video encoder utilized for receiving the digital video signal and converting the
digital video signal into a TV signal.

25 15. (Original) The image decoding apparatus of claim 14, wherein the TV signal
conforms to the NTSC standard.

16. (Original) The image decoding apparatus of claim 14, wherein the TV signal
conforms to the PAL standard.

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17. (Original) The image decoding apparatus of claim 11, wherein the decoder core is
a JPEC decoder core.

18. (Original) The image decoding apparatus of claim 11, wherein the digital video
5 encoder is an ITU-R656 digital video encoder.